

Atty Dkt No.: CLON-058US2
USSN: 10/762,588

AMENDMENTS

Please incorporate the following amendments into the subject application.

In the Claims:

1-10. (Canceled)

11. (Currently Amended) A kit for purifying a protein, said kit comprising:
a first composition comprising a first metal ion chelate resin comprising a first immobilized metal ion;
and a second composition comprising a second metal ion chelate resin comprising a second immobilized metal ion; and
a recombinant vector comprising a nucleotide sequence encoding a metal ion affinity peptide and at least one restriction endonuclease recognition sequence for inserting a heterologous nucleic acid molecule encoding a fusion partner protein for said metal ion affinity peptide.

12. (Original) The kit according to Claim 11, wherein the first metal ion is a hard metal ion, and the second metal ion is an intermediate metal ion.

13. (Original) The kit according to Claim 12, wherein the hard metal ion is chosen from Fe^{3+} , Ca^{2+} and Al^{3+} ; and the intermediate metal ion is chosen from Cu^{2+} , Ni^{2+} , Zn^{2+} and Co^{2+} .

14-15. (Canceled)

16. (Original) The kit according to Claim 11, further comprising:
an extraction buffer;
a wash buffer; and
an elution buffer.

17. (Canceled)

DO NOT ENTER
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